

PND-K3

PND-K3 msn

Portable Navigation System



OWNER'S MANUAL

Version 1.1

PND-K3 / PND-K3msn

ALPINE[®]
Mobile Media Solutions

> IMPORTANT INFORMATION

PLEASE READ CAREFULLY BEFORE USING THIS PRODUCT

This product is intended to provide turn by turn instructions to get you to a desired destination. Please make certain that all persons using this navigation system carefully read these precautions and the following instructions fully.

- 1 This product is not a substitute for your personal judgment. Any route suggestions made by this navigation system may never supersede any local traffic regulations or your personal judgment and/or knowledge of safe driving practices. Do not follow route suggestions if the navigation system instructs you to perform an unsafe or illegal maneuver, places you in an unsafe situation, or routes you into an area which you consider unsafe.
- 2 Glance at the screen only when necessary and safe to do so. If prolonged viewing of the screen is necessary, pull over in a safe and legal manner and location.
- 3 Do not input destinations, change settings, or access any functions requiring a prolonged view of the monitor and/or remote control while you are driving. Pull over in a safe and legal manner and location before attempting to access the system.
- 4 Do not use the navigation system to route you to emergency services. Not all locations of emergency services such as police and fire stations, hospitals and clinics are contained in the database. Please use your own judgment and ask for directions in these situations.
- 5 The map database used in the navigation system is the most recent map data available at the time of production. Because of changes in streets and neighborhoods, there may be situations where the navigation system is not able to route you to your desired destination. In these cases, use your own judgment.
- 6 The map database is designed to provide you with route suggestions and does not take into account the relative safety of a suggested route or of factors which may affect the time required to reach your destination. The system does not reflect road closures or construction, road characteristics (i.e. type of road surface, slope or grade, weight or height restrictions, etc.), traffic congestion, weather conditions, or any other factors which may affect the safety or timing of your driving experience. Use your own personal judgment if the navigation system is unable to provide you with an alternate route.

- 7 There may be situations where the navigation system displays the vehicle's location erroneously. Use your own driving judgment in this situation, taking into account current driving conditions. Please be aware that in this situation the navigation system should correct the vehicle's position automatically. However, there may be times where you may have to correct the position yourself. If this is the case, pull over in a safe and legal manner and location before attempting operation.
- 8 Make certain that the volume level of the navigation system is set to a level which still allows you to hear outside traffic and emergency vehicles.

If there is anything in the manual about the operation of the navigation system which you are uncertain about, please contact your local Alpine authorized navigation dealer or Alpine at 1-888-NAV-HELP (1-888-628-4357) before using the navigation system.

FCC COMPLIANCE STATEMENT

PND-K3 has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an experienced radio/TV technician.

> POINTS TO OBSERVE FOR SAFE USAGE

Read this manual carefully before using this system. It contains instructions on how to use this product in a safe and effective manner. Alpine cannot be responsible for problems resulting from failure to observe the instructions in this manual.

This manual uses various pictorial displays to show you how to use this product safely and to alert you to potential dangers resulting from improper connections and operation. Following are explanations of these pictorial displays. It is important to fully understand the meanings of these pictorial displays in order to use this manual and the system properly.

	WARNING
<p>This symbol means important instructions. Failure to heed them can result in serious injury or death.</p>	

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISE WHILE DRIVING.

Failure to do so may result in an accident.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE THIS PRODUCT AS SPECIFIED.

Use for other than its designed application may result in fire, electric shock or other injury.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

	CAUTION
<p>This symbol means important instructions. Failure to heed them can result in injury or material property damage.</p>	

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized ALPINE dealer or the nearest ALPINE Service Center for repairing.

PRECAUTIONS

Temperature

Be sure the temperature inside the vehicle is between +45°C (+113°F) and -0°C (+32°F) before turning your unit on.

Fuse Replacement

When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder. If the fuse(s) blows more than once, carefully check all electrical connections for shorted circuitry. Also have your vehicle's voltage regulator checked.

Servicing the Unit

If you have problems, do not attempt to repair the unit yourself. Return it to your ALPINE dealer or the nearest ALPINE Service Station for servicing.

Installation Location

Make sure the PND-K3 will not be exposed to:

- Direct sun and heat
- Excessive dust
- High humidity
- Excessive vibrations

Characteristics of LCD Panel

- After turning the system off, a slight ghost of the image will remain temporarily. This is an effect peculiar to LCD technology and is normal.
- Under cold temperature conditions, the screen may lose contrast temporarily. After a short warm-up period, it will return to normal.
- The LCD panel is manufactured using an extremely high precision manufacturing technology. Its effective pixel ratio is over 99.99%. This means that 0.01% of the pixels could be either always ON or OFF.

Using Headphones

If ACC or the monitor's power source is turned off, a loud noise may be produced through the headphone jack. Be sure to remove the headphones from your ears before you turn the monitor off.

In using this PND-K3 Portable Navigation System (hereinafter referred to as "System"), which includes Alpine Electronics, Inc. ("Alpine") Specifications, Space Machine, Inc. ("Space Machine") Software and NAVTEQ North America, LLC. ("NAVTEQ") Database, you are bound by the terms and conditions set forth below. By breaking the seal on the System and using your copy of the System, you have demonstrated your agreement to the terms and conditions of this Agreement. You should, therefore, make sure that you read and understand the following provisions.

The System may not be copied, duplicated or otherwise modified, in whole or in part, without the express written permission of Alpine, Space Machine and NAVTEQ.

The System may not be transferred or sublicensed to any third party for profit, rent or loan or licensed for reuse in any manner.

The System may not be decompiled, reverse engineered or otherwise disassembled, in whole or in part.

The System may not be used in a network or by any other manner of simultaneous use in multiple systems.

The System is intended solely for personal use (or internal use where the end-user is a business) by the consumer.

The System is not to be used for commercial purposes.

Neither Alpine, Space Machine nor NAVTEQ guarantees to the customer that the System meet the specific objectives of the user.

Neither Alpine, Space Machine nor NAVTEQ shall be responsible for any damages caused by the use of the System to the actual user and to any third party.

The warranty on the System shall not extend to an exchange or refund due to misspelling, omission of letters, or any other cosmetic discrepancy in layout found in the System.

The right to use the System shall expire either when the user destroys this software, or when any of the terms for use is violated and Alpine, Space Machine and/or NAVTEQ exercise the option to revoke the license to use this software.

The terms and conditions hereof apply to all subsequent users and owners as well as to the original purchaser.

The NAVTEQ Database may include or reflect data of licensors, including Her Majesty The Queen in right of CANADA. Such data is licensed on an "AS IS" basis. The licensors, including Her Majesty The Queen, make no guarantees, representations or warranties respecting such data, either express or implied, arising by law or otherwise, accuracy or fitness for a particular purpose.

The licensors, including Her Majesty The Queen, shall not be liable in respect of any claim, demand or action, irrespective of the nature of the cause of the claim, demand or action alleging any loss, injury or damages, direct or indirect, which may result from the use or possession of the data or the NAVTEQ database. The licensors, including Her Majesty The Queen, shall not be liable in any way for loss of revenues or contracts, or any other consequential loss of any kind resulting from any defect in the data or the NAVTEQ database.

End User shall indemnify and save harmless the licensors, including Her Majesty The Queen and the minister, and their officers, employees and agents from and against any claim, demand or action, irrespective of the nature of the cause of the claim, demand or action, alleging loss, costs, expenses, damages or injuries (including injuries resulting in death) arising out of the use or possession of the data or the NAVTEQ database.

PRECAUTIONS AND NOTICES.....	2	HOME.....	23
> Important Information.....	2	> Going Home.....	23
WARNINGS.....	3	BLUETOOTH.....	24
> Points to Observe for Safe Usage.....	3	> Enable Bluetooth.....	24
USER AGREEMENT.....	4	> Auto Connect.....	24
TABLE OF CONTENTS.....	5	> Auto Answer.....	24
IN THE BOX.....	6	MOBILE PHONE.....	25
> Accessories.....	6	> Placing Calls.....	25
SYSTEM FEATURES.....	7	> Receiving Phone Calls.....	26
> PND-K3 Portable Navigation System.....	7	> Call Options.....	26
> Cradle with Cigarette Lighter Charger.....	7	SETTINGS.....	27
INSTALLATION.....	8	CUSTOMIZING DISPLAY.....	28
> Before You Start.....	8	> Menu Color.....	28
> How to Mount the PND-K3.....	8	> Brightness.....	28
> How to Remove the PND-K3.....	8	> Setting Day/Night Mode.....	28
MAIN MENU.....	9	> Screen Recalibration.....	28
MAP FUNCTIONS.....	10	> Backlight Timing.....	28
> Setting the Map Orientation.....	10	CUSTOMIZING MAP.....	28
> Estimate Time Display.....	10	> Displaying and Editing Icons on the Map.....	28
> Route Button.....	10	> Showing Trail Dots.....	28
> Repeating the Announcement.....	10	CUSTOMIZING NAVIGATION TOOL.....	29
> GPS Status Bar.....	11	> Route Method.....	29
> Battery Status.....	11	> Guidance Map.....	29
> Zoom In/Out Map.....	11	> Route Button.....	29
> Switching Map Display.....	11	> Show Route Overview.....	29
FROM THE MAP DISPLAY.....	12	> Auto Zoom.....	29
> Setting a Destination.....	12	> Avoid Unverified Roads if Possible.....	29
> Finding Local Places.....	12	> Start Demo.....	29
> Setting Waypoints.....	12	SETTING AUDIO.....	30
INPUT A DESTINATION.....	13	> Changing Navi Mix Volume.....	30
SET A DESTINATION BY ADDRESS.....	14	> Button Sounds.....	30
> Finding a Destination by Entering Street Name First.....	14	> Guidance Prompt.....	30
> Finding a Destination by City Name First.....	14	REGIONAL SETTINGS.....	30
SET A DESTINATION BY PLACE.....	15	> Language.....	30
> Finding a Place Near You or Near Your Destination.....	15	> Units.....	30
> Finding a Place Within City Vicinity.....	16	> Clock.....	30
> Finding a Place Along Your Route.....	16	> Time Zone.....	30
SET A DESTINATION BY HISTORY.....	16	MSN DIRECT SETTING (ONLY ON PND-K3MSN).....	31
> Deleting All History.....	16	> Before Using MSN-Direct.....	31
SET A DESTINATION FROM THE ADDRESS BOOK.....	17	> MSN Direct Settings.....	31
> Editing Address Book.....	17	INFORMATION.....	32
SET A DESTINATION BY COORDINATES.....	17	VIEWING DASHBOARD.....	32
SET A DESTINATION BY INTERSECTION.....	18	VIEWING GPS STATUS.....	33
> Finding a Destination by Entering a Street Name First.....	18	VIEWING SYSTEM INFORMATION.....	33
> Finding a Destination by Entering a City Name First.....	18	MUSIC PLAYER.....	34
DESTINATION OPTIONS.....	19	MSN DIRECT (Only on PND-K3msn).....	35
> Finding Nearby Places.....	19	MSN DIRECT, CONTINUED.....	36
> Finding Alternative Routes to the Destination.....	19	IN CASE OF DIFFICULTY.....	37
> Setting a Destination as Home.....	19	SPECIFICATIONS.....	38
> Saving a Destination into the Address Book.....	20	INDEX.....	39
> Setting Waypoints.....	20	LIMITED WARRANTY.....	40
ROUTE.....	22		
> Viewing Turn List During Guidance.....	22		
> Finding an Alternate Route.....	22		
> Finding a Detour.....	22		
> Editing Waypoints.....	22		
> Canceling Route.....	22		

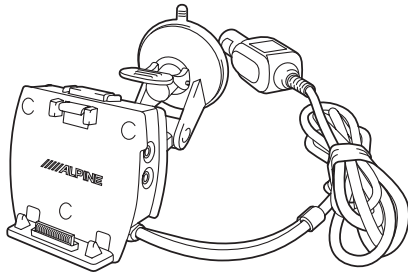
Congratulations and thank you for purchasing the Alpine PND-K3 Portable Navigation System. We hope you enjoy using this exciting product and trust that it will make your driving experience more comfortable, stress-free, and entertaining.

The PND-K3 Portable Navigation System provides an easy-to-use user interface, clear, easy-to-understand spoken driving instructions, and award winning design all in a portable product. PND-K3 is built upon Alpine's history of navigation success in North America. Please read this manual carefully. If you have any further questions about PND-K3's operation, feel free to call Alpine at 1-888-NAV-HELP (628-4357) for technical assistance.

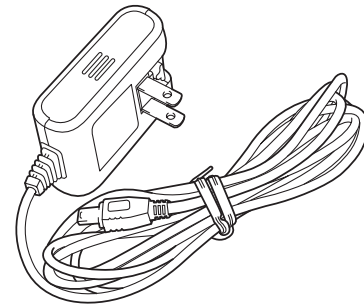
IN THE BOX



> ACCESSORIES



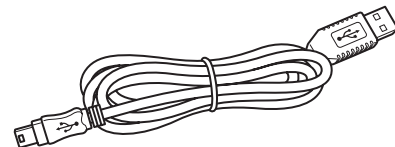
CRADLE WITH CIGARETTE LIGHTER CHARGER



POWER ADAPTER



QUICK REFERENCE GUIDE



USB CABLE

- REGISTRATION CARD
- CRADLE MOUNTING PLATE
- CRADLE LOCKING SCREW

> PND-K3 PORTABLE NAVIGATION SYSTEM

POWER BUTTON

Press and hold for 2 seconds to turn the device on or off

SD/MMC CARD SLOT

For music playback (SD card not included)

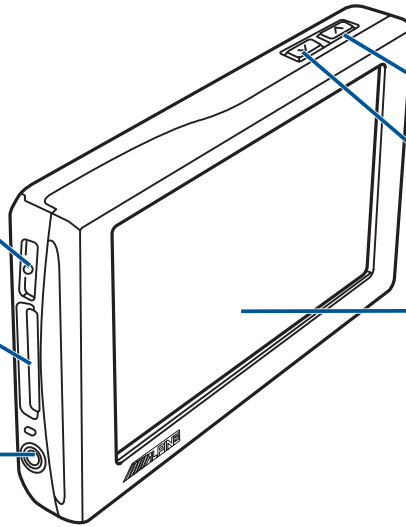
HEADPHONE JACK

(Headphone not included)

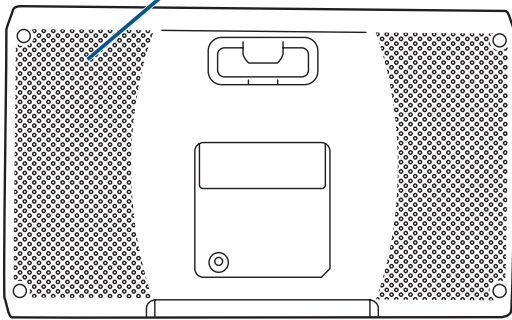
VOLUME UP BUTTON

VOLUME DOWN BUTTON

SCREEN



SPEAKERS



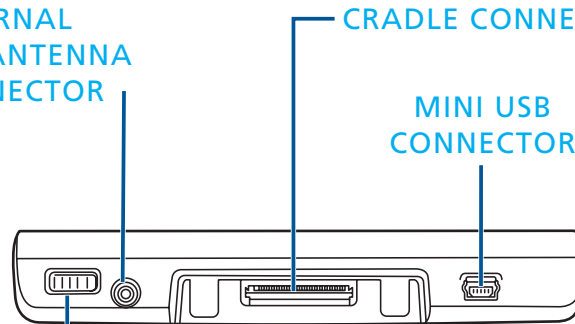
EXTERNAL GPS/ANTENNA CONNECTOR

CRADLE CONNECTOR

MINI USB CONNECTOR

RESET BUTTON

Press and hold for 2 seconds



> CRADLE WITH CIGARETTE LIGHTER CHARGER

MUTE WIRE

For Installation with Stereo Head Unit

AMPS/NEC MOUNTING HOLES (X 4)

Use metric M4 8MM Machine Screw

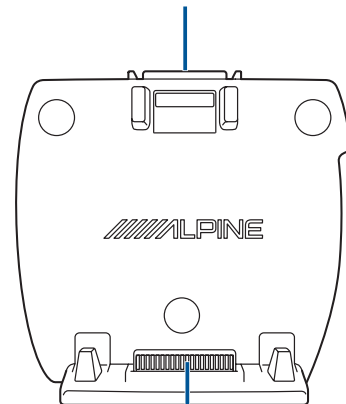
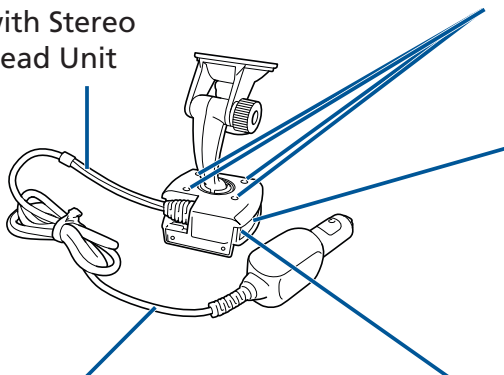
AUDIO OUTPUT

CRADLE EJECT BUTTON

POWER CORD

EXTERNAL MICROPHONE INPUT/OUTPUT

CRADLE CONNECTOR SLOT



> BEFORE YOU START

Before you start, charge the PND-K3 for at least 3 hours, using the included AC charger.



> HOW TO MOUNT THE PND-K3

1 Find a spot suitable for the navigation device. Stick the suction cup against the desired mounting location. Press the lever to secure the suction cup.



2 Guide the navigation device onto the cradle.



3 Gently push until a click sound is heard and the device is locked in place.



> HOW TO REMOVE THE PND-K3

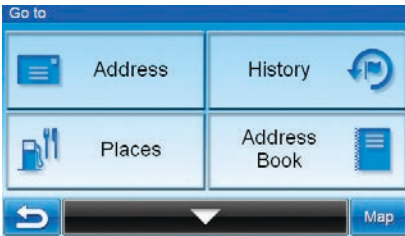
1 Press on the button immediately behind the navigation device. This will release the unit forward. Gently lift the device from its cradle.



GO TO BUTTON

Press this to start entering a destination.

See page 13-18.



PLAY BUTTON

Press this to go to the music player.

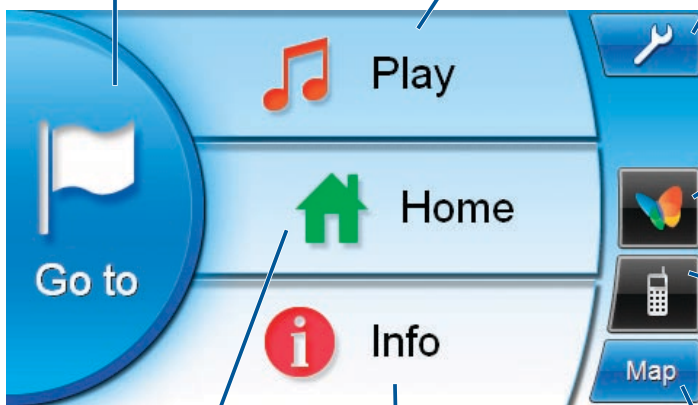
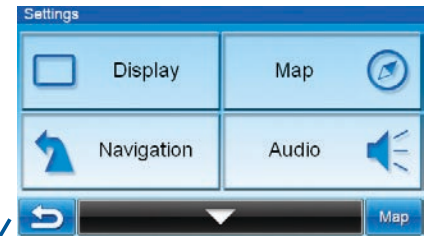
See page 33.



SETTINGS BUTTON

Press this to change system settings.

See page 27-30.



MSN DIRECT BUTTON

Press this to receive real-time news and traffic.

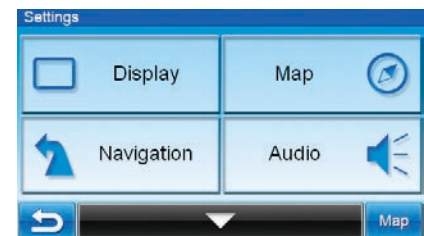
See page 35-36.



PHONE BUTTON

Press this button to make a phone call, when Bluetooth device is connected

See page 25-26.



HOME BUTTON

Press this to go to a saved home location.

See page 23.

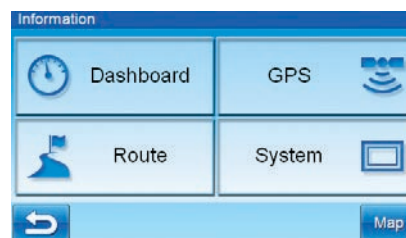


INFO BUTTON

Press this to check information such as:

- GPS receiver status
- Speed and trip information

See page 31-32.

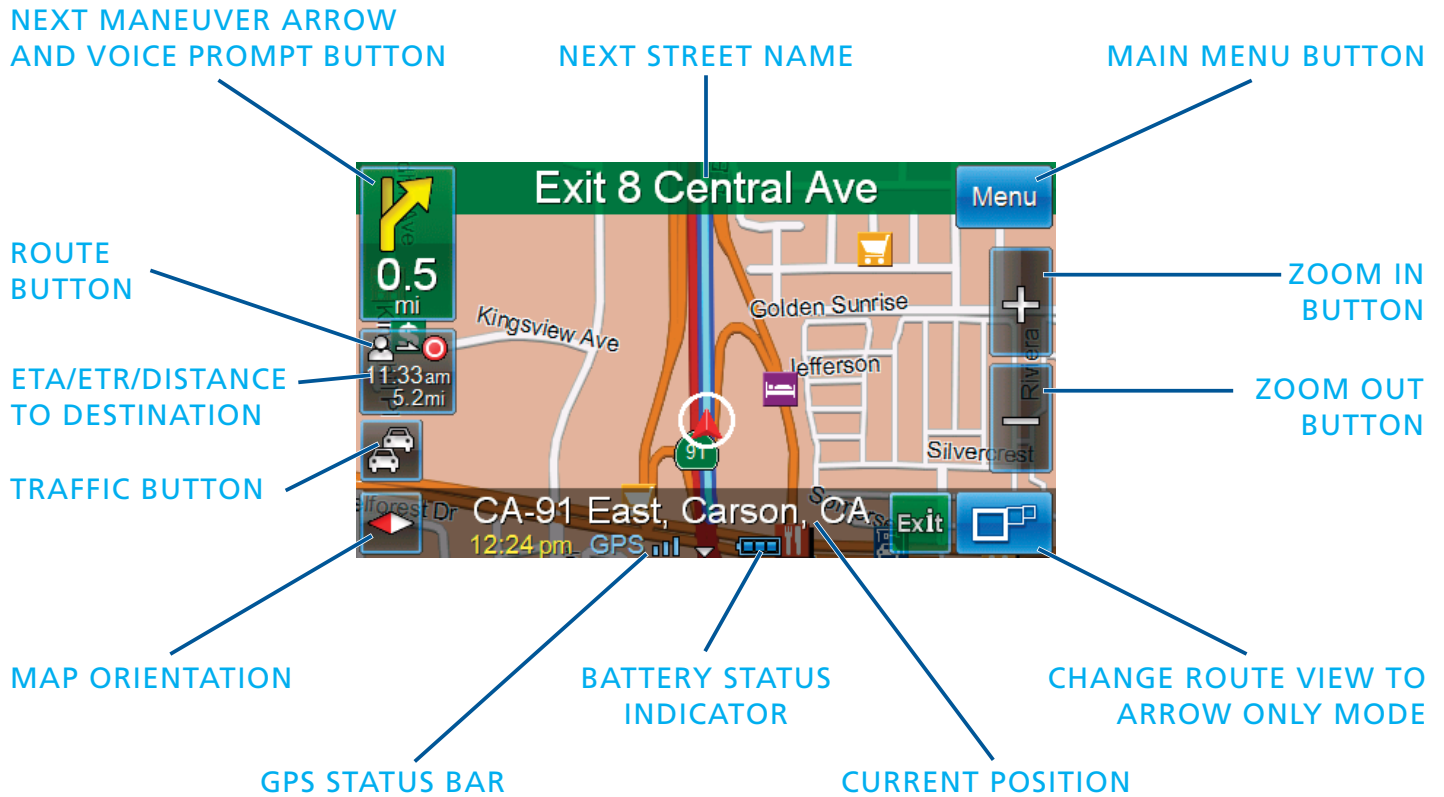


MAP BUTTON

Press this to go to the map.

See page 10-11.





> SETTING THE MAP ORIENTATION

Touch this icon to switch between **North Up**, **Heading Up** and **3D View**.

NORTH UP



In north up view, north is always at the top of the display. This makes it easy to determine your current heading with respect to the map.

HEADING UP



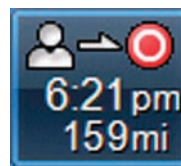
In heading-up view, the current direction is always pointing to the top of the display. This makes it easy to see the direction of the next turn on the map.

3D VIEW



The 3D View offers you a more realistic perspective by tilting the map and displaying it with a horizon line. Streets are displayed as you approach them instead of from a birds-eye view.

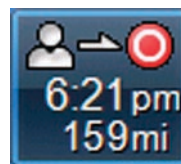
> ESTIMATE TIME DISPLAY



This icon displays Estimated Time Remaining, Estimated Time of Arrival or Direction to Destination. See page 29 to change this setting.

Note: The time estimates are based on the average speed. The estimate time will vary depending on vehicle speed. The arrow always points toward the destination.

> ROUTE BUTTON



Touch this icon and it will take you to the route menu.

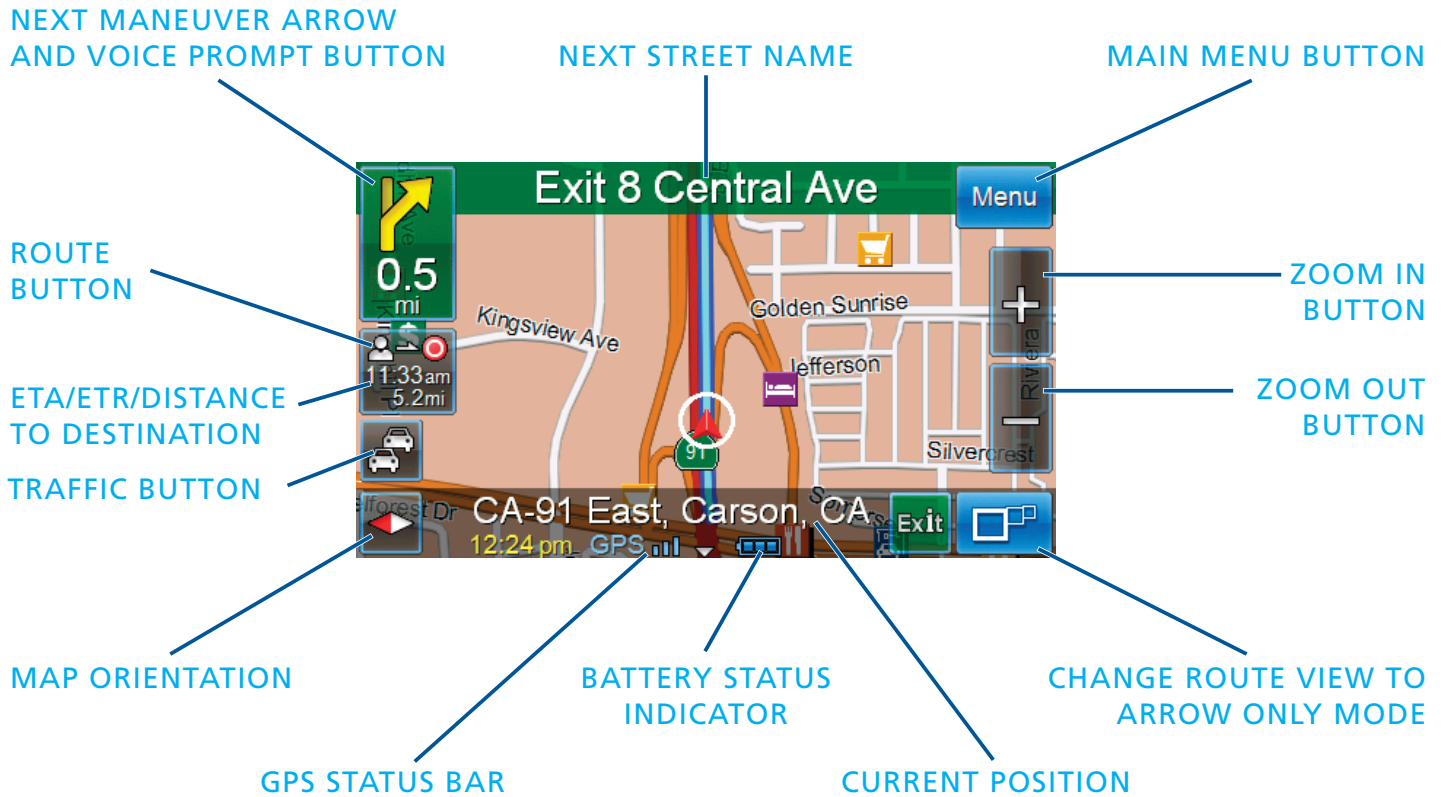
Note: When not in the guidance mode, only the current position can be seen. Zoom buttons, Map Orientation button and Main Menu are available.

> REPEATING THE ANNOUNCEMENT



Touch this icon to repeat the guide announcement.

(Same as Next Maneuver Arrow)



> GPS STATUS BAR



GPS Signal Strength

> BATTERY STATUS



This shows status of the battery. (Lightning bolt) indicates that the battery is currently charging.



(3 bars) indicates that the battery has more than 60% charge.

(2 bars) indicates that the battery has more than 40% charge.

(1 bar) indicates that the battery has about 10% charge remaining.

> ZOOM IN/OUT MAP



Touch this icon to zoom in.



Touch this icon to zoom out.

> SWITCHING MAP DISPLAY



Touch this button to switch between Map and Arrow modes.

Note: You can only switch map display during guidance mode.

ARROW MODE



Displays three successive arrow maneuvers all the way to your destination while providing turn-by-turn guidance prompts.

MAP MODE



Shows a full-screen map of the area while providing turn-by-turn guidance prompts.

> TRAFFIC BUTTON



Touch this icon to receive the live traffic information.

Note: You must subscribe to MSN Direct.

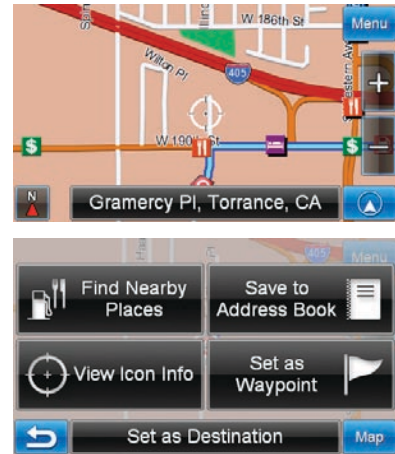
> SETTING A DESTINATION

- 1 Touch anywhere on map screen.
- 2 The vehicle arrow changes to a crosshair cursor.
- 3 Move the cursor to the new desired street.

NOTE: Use Map Zoom button to zoom out the map if the destination is far from the current location.

- 4 Touch the selected position bar on the bottom of the screen.
- 5 Select **Set as Destination**.
- 6 Touch **Go!** on the Confirm Destination Screen.

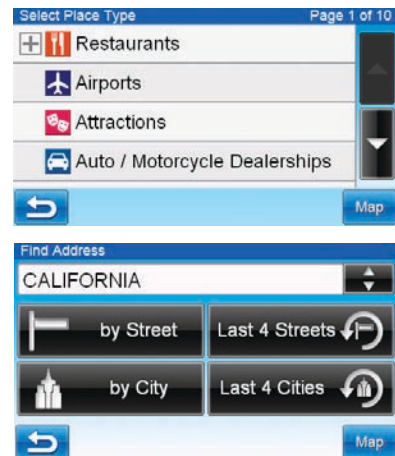
NOTE: To use destination options on the Confirm Destination Screen, see page 19-21 for details. To cancel, touch Previous Screen icon



> FINDING LOCAL PLACES

- 1 Touch anywhere on map screen.
The vehicle arrow changes to a crosshair cursor.
- 2 Touch the selected position bar on the bottom of the screen.
- 3 Select **Find Nearby Places**.
- 4 Select the desired category and the desired place.
- 5 Touch **OK** on the Confirm Destination Screen.

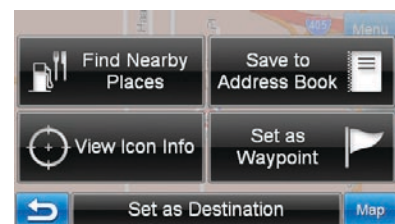
NOTE: To use destination options on the Confirm Destination Screen, see page 19-21 for details. See Find Local Places on page 15-16 for finding places through Places menu.



> SETTING WAYPOINTS

- 1 Touch anywhere on map screen.
- 2 The vehicle arrow changes to a crosshair cursor.
- 3 Move the cursor to the desired waypoint.
- 4 Touch the selected position bar on the bottom of the screen.
- 5 Select **Set as Waypoint** and the destination will automatically be added to the Waypoint List.
- 6 Touch **Go!**

NOTE: To add another waypoint, see page 20.



ADDRESS BUTTON

Search by typing an address.

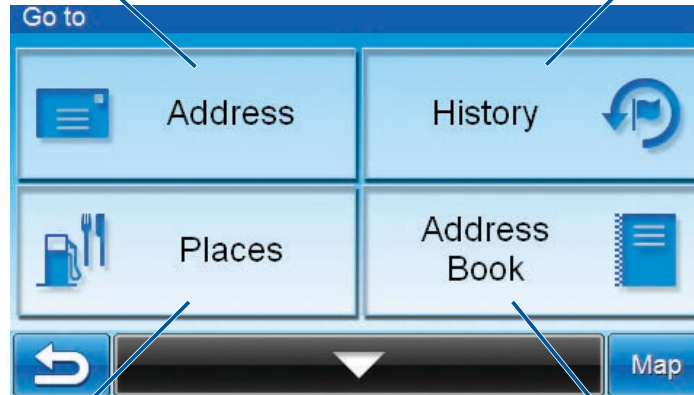
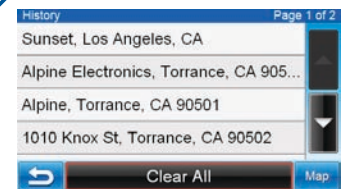
See page 14.



HISTORY BUTTON

Select from recent destinations.

See page 16.



PLACES BUTTON

Select places.

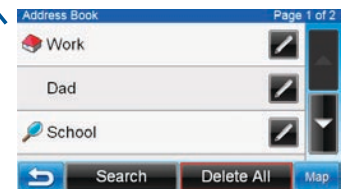
See page 15-16.



ADDRESS BOOK BUTTON

Select from saved destinations.

See page 17.



INTERSECTION BUTTON

Set destination by intersection.

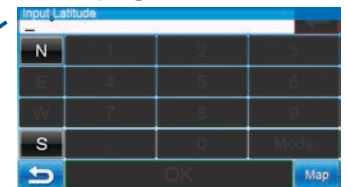
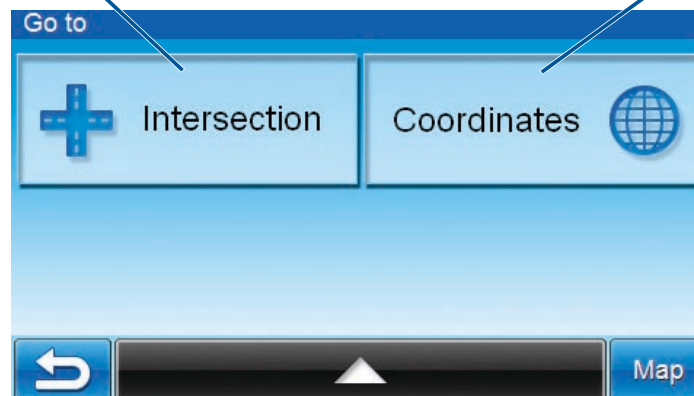
See page 18.



COORDINATES BUTTON

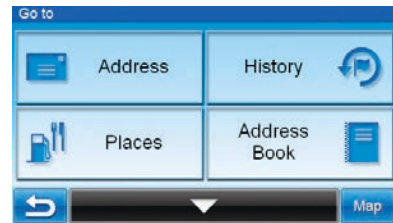
Set destination using geographic coordinates.

See page 17.



There are several ways to set a destination. You can set a destination directly from the map (Page 12) or select **Go to** from the main menu.

Go to **Main Menu** → **Go to** → **Address**



> FINDING A DESTINATION BY ENTERING STREET NAME FIRST

1 Select **by Street**.

2 Type the street name and touch **OK**.

If there are multiple matches, the system automatically displays a short list of street names.

Type only the name of the street. Prefix and suffix of the street are not necessary.

The list of applicable street names appears.

3 Select the desired street name from the list.

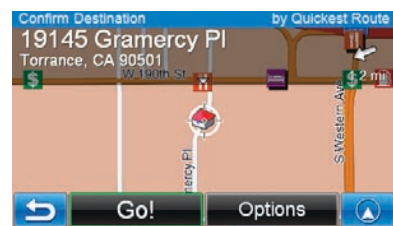
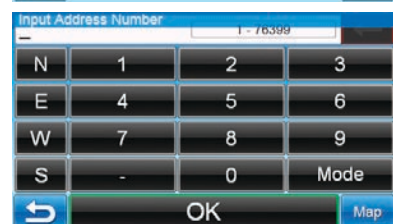
4 Type the address number and touch **OK**.

5 Type the desired city.

If there are multiple matches, the system lists cities containing the street name and address number that you keyed in.

6 The Confirm Destination Screen appears. Select **Go!** to calculate the route.

7 See page 20-22, to see more details about **Options** on the confirmation destination screen.



> FINDING A DESTINATION BY CITY NAME FIRST

1 Select **by City**.

2 Type the city name and touch **OK**.

If there are multiple matches, the system automatically displays a short list of city names. Select the desired city.

3 Type the characters of the street name and touch **OK**.

4 The list of applicable street names appears. Select the desired street.

5 Type the address number and touch **OK**.

6 The Confirm Destination Screen appears. Touch **Go!** to calculate the route.



You can select from approximately 6 million place locations stored inside your PND-K3 Portable Navigation System.

Go to [Main Menu](#) → [Go to](#) → [Places](#)

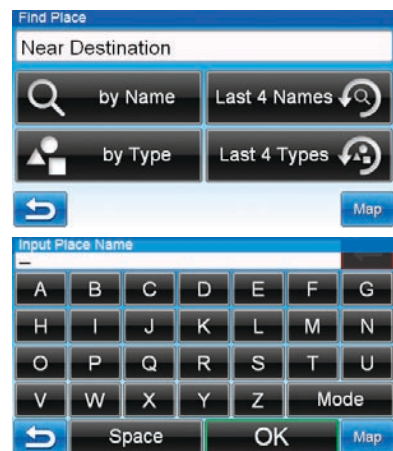


> FINDING A PLACE NEAR YOU OR NEAR YOUR DESTINATION

NOTE: [Last 4 names](#) and [Last 4 types](#) takes you to a list from the last 4 places/types you have previously entered.

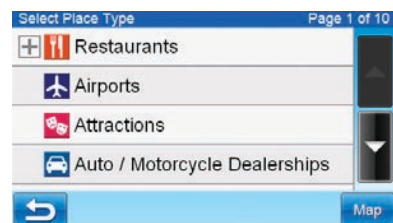
BY NAME

- 1 Select [by Name](#).
- 2 Type the desired place name. Touch [OK](#).
A list of place names appears.
- 3 Use the arrow to the right of the list to scroll up and down the list.
- 4 Select the desired place.
For emergency locations such as Police Stations, Hospitals, etc., please verify availability before proceeding to such locations.
- 5 The Confirm Destination Screen appears. Touch [Go!](#) to calculate a route.



BY TYPE

- 1 Select [by Type](#).
- 2 Select a desired type.
- 3 There are 37 Place categories to choose from including ATMs, Banks, Gas Stations, Grocery Stores, Hotels, Parking Lots, Restaurants and more.
- 4 Follow steps 3 through 6 of the instructions above.



Go to [Main Menu](#) → [Go to](#) → [Places](#)

> FINDING A PLACE WITHIN CITY VICINITY

1 Select [Within City Vicinity](#).

2 Select [Within a City](#).

NOTE: Last 4 Cities takes you straight to the list of cities you have previously entered.

3 Type a city name and select a city.

4 You can choose [by Name](#) or [by Type](#).

5 Follow steps from “[by Name](#)” or “[by Type](#)” on page 16.



> FINDING A PLACE ALONG YOUR ROUTE

1 Select [Along Route](#).

2 Select the desired place type button. Touch [OK](#).

NOTE: Highlighted (YELLOW) button means it is selected. You can select multiple place types. Touch the button again to turn the selection on or off.

3 A list of places appears

Select the desired place.

4 Touch [Go!](#)



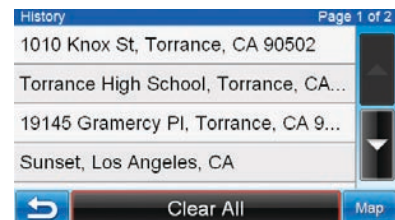
SET A DESTINATION BY HISTORY

Go to [Main Menu](#) → [Go to](#) → [History](#)

1 The list of recent destinations appears. Select the destination.

2 The Confirm Destination Screen appears. Touch [Go!](#) to calculate the route.

NOTE: To use destination options on the Confirm Destination Screen, see pages 20-22 for details.



> DELETING ALL HISTORY

Go to [Main Menu](#) → [History](#)

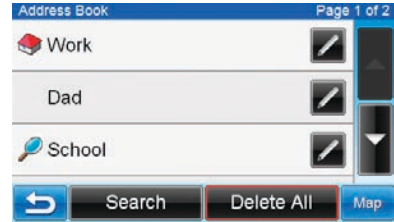
1 Touch [Clear All](#).

2 Touch [Yes](#) to delete all previous destinations.

SET A DESTINATION FROM THE ADDRESS BOOK


Go to [Main Menu](#) → [Go to](#) → [Address Book](#)

- 1 Select the desired destination.
- 2 The Confirm Destination Screen appears. Touch [Go!](#) to calculate the route.

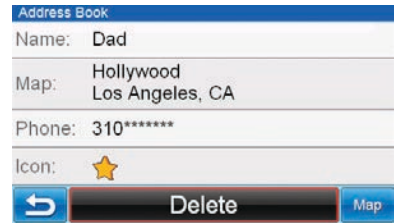


> EDITING ADDRESS BOOK

Go to [Main Menu](#) → [Go to](#) → [Address Book](#)

- 1 Select the destination you would like to modify.
- 2 Touch  to edit your entry.
- 3 Edit Name, Phone Number and Icon or delete the selected destination.

NOTE: Select [DELETE ALL](#) to delete all addresses saved in the address book.

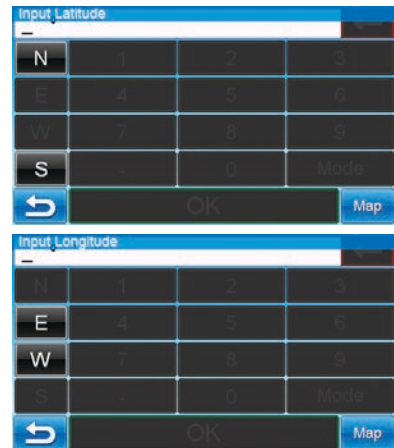


SET A DESTINATION BY COORDINATES

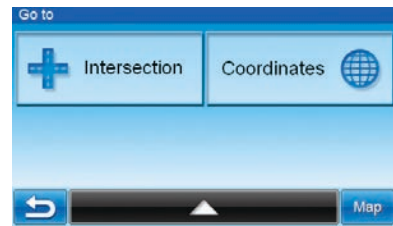
Go to [Main Menu](#) → [Go to](#) → [Coordinate](#)

- 1 Enter the Latitude of your destination. Touch [OK](#).
- 2 Enter the Longitude of your destination. Touch [OK](#).
- 3 The Confirm Destination Screen appears. Touch [Go!](#) to calculate the route.

NOTE: To use destination options on the Confirm Destination Screen, see pages 19-21 for details.

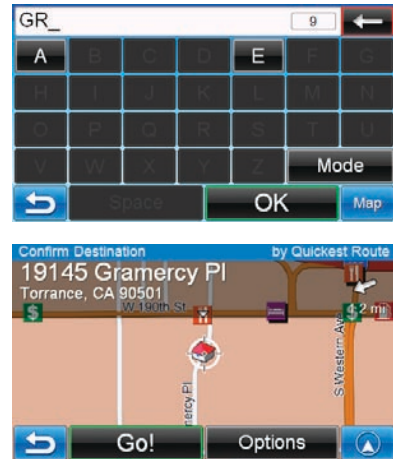


Go to [Main Menu](#) → [Go to](#) → [Intersection](#)



> FINDING A DESTINATION BY ENTERING A STREET NAME FIRST

- 1 Select [by Street](#).
- 2 Type in the first street name. Touch [OK](#).
The list of applicable street names appears. Select the desired street and input the address number.
- 3 Input the second street name.
If there is only one street crossing with the first street, the name of the street automatically appears.
- 4 Confirm City name if there are more than 1 cities with the same intersection.
- 5 The Confirm Destination Screen appears. Touch [Go!](#) to calculate the route.

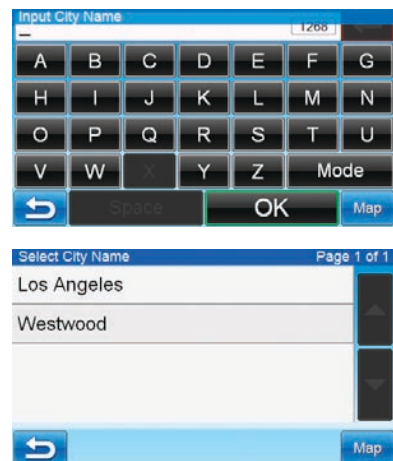


Note: To use other functions on the Confirm Destination Screen, see page 19-21 for details.

> FINDING A DESTINATION BY ENTERING A CITY NAME FIRST

If you know the city name of the intersection you are searching, select [by City](#). The choice of the street is narrowed down automatically. This saves time in entering the street information.

- 1 Select [by City](#).
- 2 Type the city name, then select the city from the list.
- 3 Input the first street name.
- 4 Input the second street name.
- 5 The Confirm Destination Screen appears. Touch [Go!](#) to calculate the route.

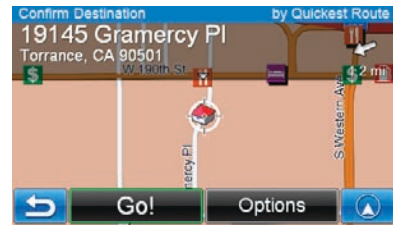


NOTE: [Last 4 Street](#) and [Last 4 Cities](#) takes you to a list of the last 4 entries.

The Destination Options Menu allows you to find places nearby, find alternative routes to get to your destination, set a destination as your home, save a destination in the address book, and create waypoints.

To get to the Destination Options Menu, enter your desired destination by using the method on pages 13-18 in order to get to the Confirm Destination Screen.

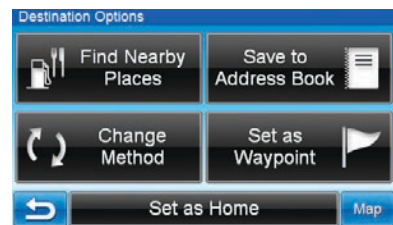
Select **Options**.



> FINDING NEARBY PLACES

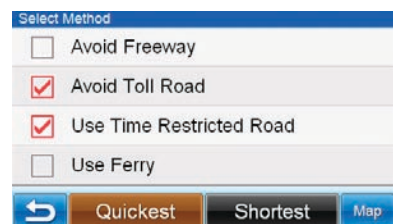
- 1 Touch **Find Nearby Places**.
- 2 Select a desired place type.
- 3 Select a desired place name.
- 4 Touch **Go!** to calculate the route.

NOTE: To find local places directly from the map, go to page 12.



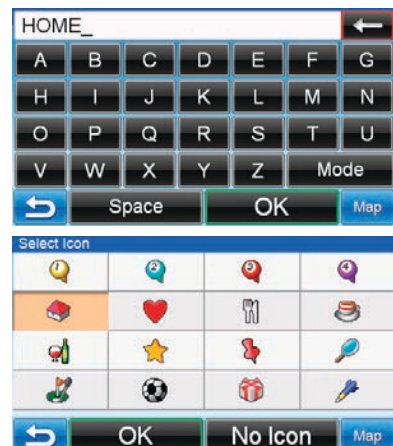
> FINDING ALTERNATIVE ROUTES TO THE DESTINATION

- 1 Touch **Change Method**.
- 2 Select a method below.
 - Avoid Freeway
 - Avoid Toll Road
 - Use Time Restricted Road
 - Use Ferry
- 3 Select **Quickest** or **Shortest**.
- 4 Touch the **Back** button.



> SETTING A DESTINATION AS HOME.

- 1 Touch **Set as Home**.
- 2 Touch **OK** or type desired name and touch **OK**.
- 3 Select desired icon. If there is no desired icon, touch **No Icon**.
- 4 Touch **OK**.

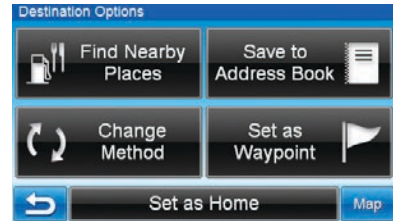


To get to the Destination Options Menu, enter your desired destination by using the method on pages 13 through 18 in order to get to the Confirm Destination screen.

Select **Options**.

> SAVING A DESTINATION INTO THE ADDRESS BOOK

- 1 Touch **Save to Address Book**.
- 2 Type in desired name. Touch **OK**.
- 3 Select an icon. If there is no desired icon, touch **No Icon**.
- 4 Touch **Ok**.

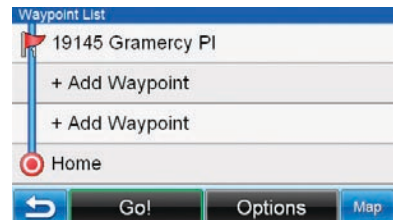


> SETTING WAYPOINTS

You can set up to 3 waypoints between you current location and your destination. The final destination must be set before entering any waypoints

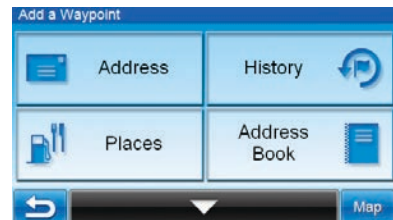
ADDING A WAYPOINT

- 1 Touch **Set as Waypoint** and the destination is automatically added to the Waypoint List.
- 2 Touch **Go!** to calculate the route.



ADDING ANOTHER WAYPOINT

- 1 Before you touch **Go!** at the Waypoint List screen, touch **Add a Waypoint**.
- 2 Enter the waypoint with any method just as finding a destination. (Page 13-18)
- 3 Touch **Set as Waypoint** to confirm.
- 4 The system returns to the Waypoint List screen. Touch **Go!** to calculate the new route.



SETTING A WAYPOINT DIRECTLY FROM THE MAP

See page 12.

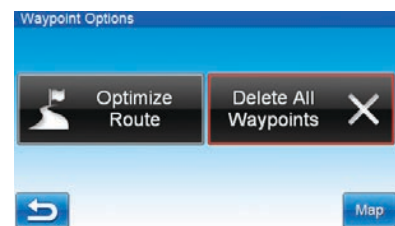
To get to the Destination Options Menu, enter your desired destination by using the method on pages 13 through 18 in order to get to the Confirm Destination screen.

Select **Options**.

> SETTING WAYPOINTS, CONTINUED

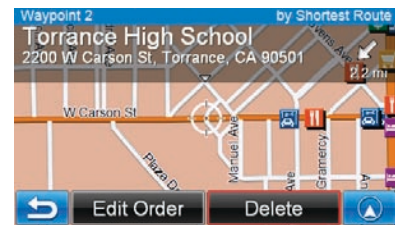
OPTIMIZING YOUR ROUTE

- 1 Touch **Set as Waypoint**. The Waypoint List appears.
- 2 Touch **Options**. Waypoint options screen appears.
- 3 Touch **Optimize Route**.
- 4 The system takes you back to the Waypoint List screen with optimal route. Touch **Go!** to calculate the route.



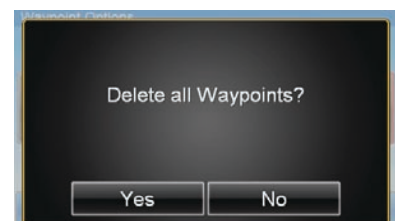
DELETING A WAYPOINT

- 1 Select the desired waypoint to delete from the list.
- 2 Touch **Delete**.



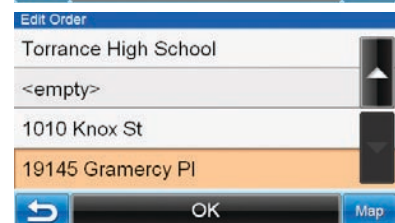
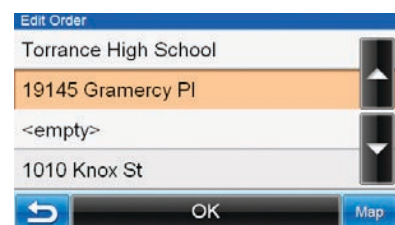
DELETING ALL WAYPOINTS

- 1 Touch **Options**.
- 2 Touch **Delete All Waypoints**. Touch **Yes** to confirm.
- 3 Touch the **Back** button to get back the Waypoint List or touch the **Map** button to get back to the map.



EDITING ORDER OF WAYPOINTS

- 1 **Main Menu** → **Info** → **Route** → **Edit Waypoints** or from the **Map** → **Route** → **Edit Waypoints**
- 2 At the Waypoint List Screen, select the desired waypoint to edit.
- 3 Touch **Edit Order**.
- 4 Use the Up and Down buttons to move the waypoint.
- 5 Touch **OK** and the system returns to the Waypoint List screen.
- 6 Touch **Go!** to calculate the route.



> VIEWING TURN LIST DURING GUIDANCE

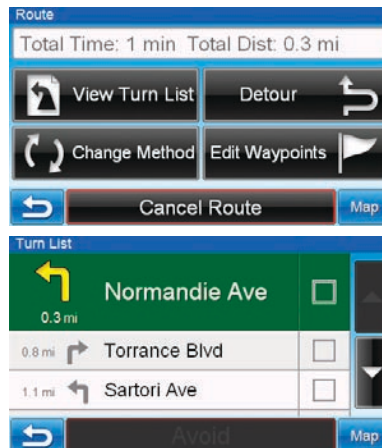
You can view a list of street names and upcoming turns and streets.

Main Menu → Info → Route

or

directly from the Map →

- 1 Touch [View Turn List](#).
- 2 A list of upcoming streets and turns appears on the screen.
To preview a specific point, select a street name/maneuver on the list.



> FINDING AN ALTERNATE ROUTE

On Route screen, touch [Change Method](#).

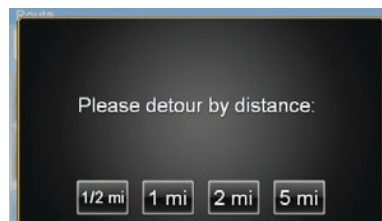
NOTE: You can select and re-calculate an alternate route based on Quickest Route or Shortest Route and select Avoid Freeway, Toll Road, Time Restricted Road or Ferry.



> FINDING A DETOUR

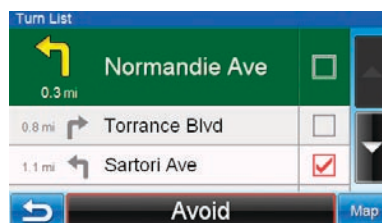
BY DISTANCE

- 1 On Route screen, touch [Detour](#).
- 2 Choose detour from [1/2 mile](#), [1 mile](#), [2 miles](#) or [5 miles](#).
The system automatically calculates and displays a detoured route.



AVOIDING A PARTICULAR STREET

- 1 Touch [View Turn List](#)
- 2 List of upcoming streets and turns appears on the screen. Select the Street Name.
- 3 Touch [Avoid](#).



> EDITING WAYPOINTS

To edit waypoints, see page 21.

> CANCELING ROUTE

From Route screen, touch [Cancel Route](#).

NOTE: After canceling the route, you can not select Route Menu until the next destination has been set. To set next the destination, see Destination Menu on Page 13.

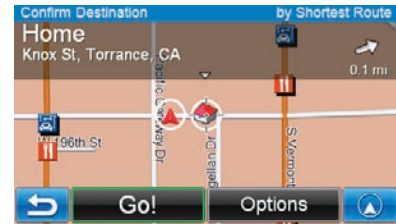
You can go Home from anywhere once the Home Address is set. See page 19 to set a destination as Home.

> GOING HOME

Go to [Main Menu](#) → [Home](#)

Touch [Go!](#) to calculate the route.

NOTE: To find an alternate Route to go Home, see page 22.



Bluetooth enabled mobile phones can be paired to interface with PND-K3. You can customize this interface using the Bluetooth Setup controls.

Go to [Main Menu](#) →  → [Bluetooth](#)

The Bluetooth Setup menu appears and displays the setup options.

1 Select 'Bluetooth Devices...'

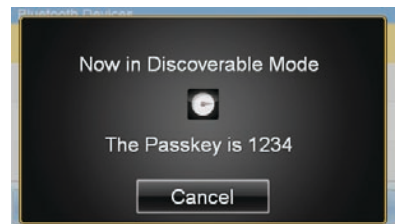


2 Select 'Discoverable Mode'.



3 On the Bluetooth enabled mobile phone, search for Bluetooth devices

4 Once the PND-K3 is found on the mobile phone, connect to the PND-K3.



> ENABLE BLUETOOTH

This allows you to turn the Bluetooth functionality ON or OFF.

> AUTO CONNECT

Turning Auto Connect on allows the last connected phone to automatically connect with the PND-K3 whenever they are in range of each other and both have Bluetooth turned on.

> AUTO ANSWER

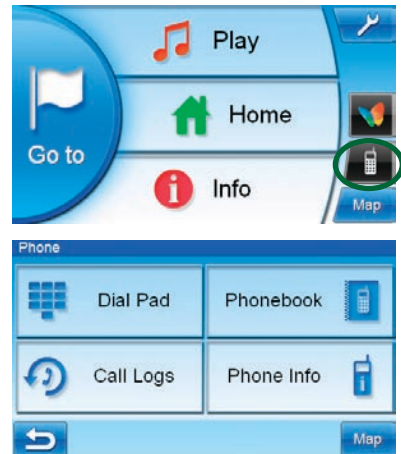
This allows the PND-K3 to automatically answer all incoming calls for you after the first ring.

Most Bluetooth enabled mobile phones can be synchronized to interface with PND-K3. Once you have paired and synchronized your mobile phone with PND-K3 (see Setup on page 24) you can place and receive calls in addition to many other convenient functions. Some Bluetooth enabled phones may not be compatible and some features may not be available even after synchronizing and pairing.


Note: It may take a few minutes for information to transfer from your phone to the PND-K3.

> PLACING CALLS

Touch **Main Menu** →



USING THE 12 KEY DIAL PAD

- 1 Touch **Dial Pad**.
- 2 Enter the number and touch .



USING YOUR PHONEBOOK

Touch **Phonebook**.

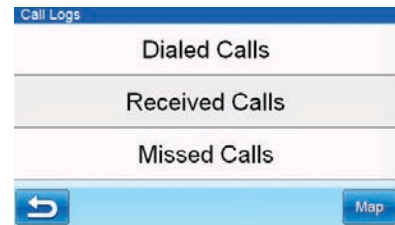
- 1 Begin entering the name of the contact you wish to call.
- 2 A list appears. Select the desired contact from the list.
- 3 The confirmation screen appears with the contact's detailed information. Touch **Dial** to place the call.

Touch [Main Menu](#) →

USING YOUR CALL LOGS

- 1 Touch [Call Logs](#).
- 2 Touch [Dialed Calls](#), [Missed Calls](#) or [Received Calls](#).
- 3 A list of your call history appears. Select the desired contact from the list.
- 4 Confirmation screen appears with the contact's detailed information if available. Touch [Dial](#) to place the call.

NOTE: You can continue to use the PND-K3 during an active call. Touch the icons to jump to the Map screen or Main Menu screen. Touch the red phone icon to return to the call menu.

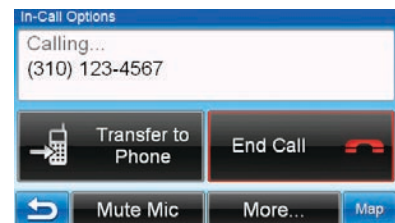


> RECEIVING PHONE CALLS

When your mobile phone is actively paired with the PND-K3, a pop-up window appears when you have an incoming call. The caller ID number is displayed when available.

- 1 Touch [Answer](#) to accept the call or [Ignore](#) to ignore it.

NOTE: Touch [Answer via Phone](#) if you need to take the call with your mobile phone handset.



> CALL OPTIONS

During an active call, the in-call option menu will appear. This menu displays the Caller ID Name, Phone Number, and Call Duration. The following options are also available from this menu:

Mute Mic

This allows you to temporarily mute the microphone. You can still hear the caller, but the caller cannot hear you.

Transfer to Phone

You can transfer the call from the PND-K3 to your mobile phone for greater flexibility.

End Call

This ends the current phone call.

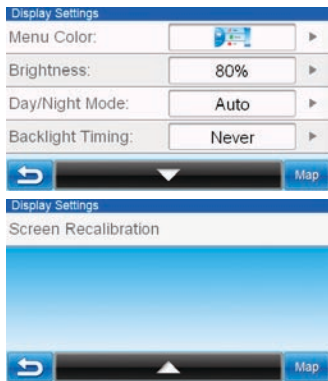
NOTE: After ending a call the previous menu appears automatically..

More...

This takes you to the phone menu.

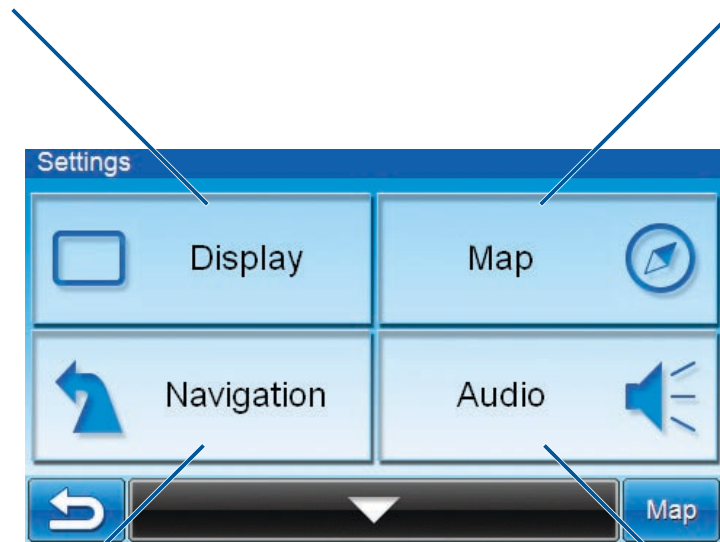
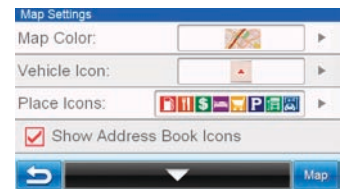
DISPLAY BUTTON

For display settings, see page 28.



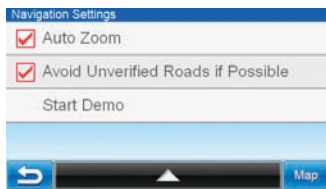
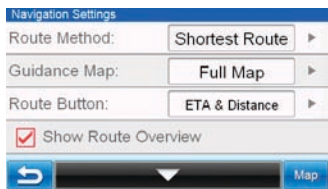
MAP BUTTON

For map settings, see page 28.



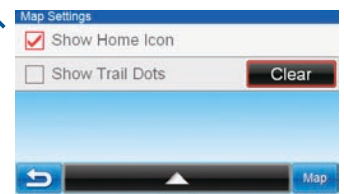
NAVIGATION BUTTON

For navigation settings, see page 29.



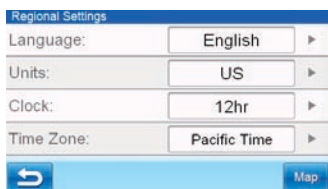
AUDIO BUTTON

For audio settings, see page 30.



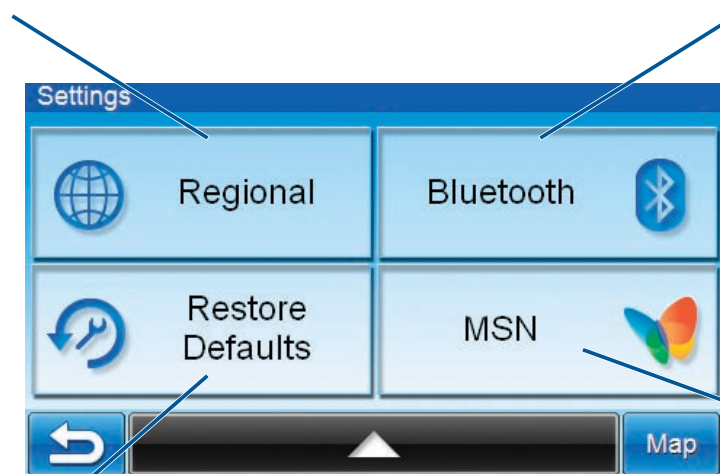
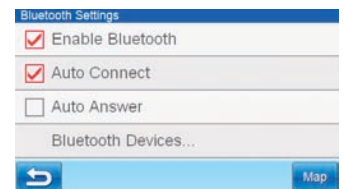
REGIONAL BUTTON

For Regional settings, see page 30.



BLUETOOTH BUTTON

For Bluetooth settings, see page 24.



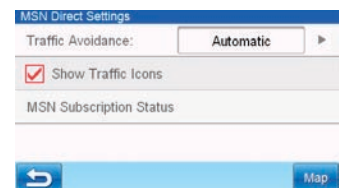
RESTORE DEFAULTS BUTTON

This allows you to delete all stored information and default back to the original factory settings.



MSN DIRECT BUTTON

For MSN Direct settings, see page 31.



Go to [Main Menu](#) → → [Display](#)

NOTE: Touch **OK** to complete the setting.

> MENU COLOR

You can choose from 8 different colors for all menu screens.

> BRIGHTNESS

The brightness of the screen can be adjusted.

> SETTING DAY/NIGHT MODE

Day - a bright tone screen

Night - a dark tone screen

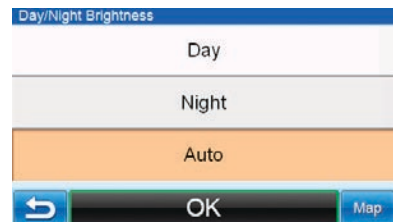
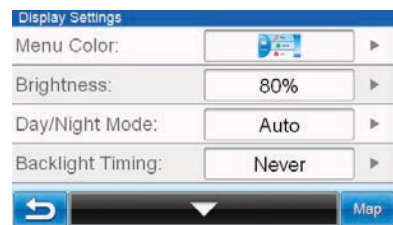
Auto - switches automatically between Day and Night modes

> SCREEN RECALIBRATION

This allows you to recalibrate the touch screen for better accuracy.

> BACKLIGHT TIMING

You can change the length of time before the display switches to energy saver mode.



You can customize map color, vehicle icon, and place icons on the map.

Go to [Main Menu](#) → → [Map](#)

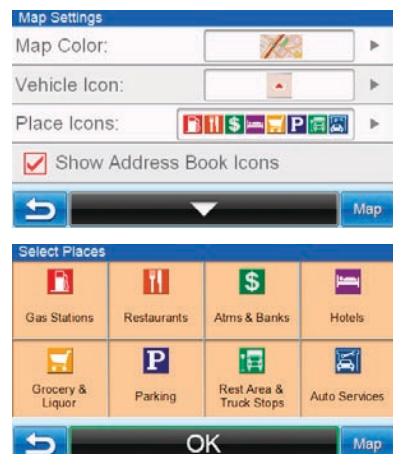
NOTE: Touch **OK** to complete the setting.

> DISPLAYING AND EDITING ICONS ON THE MAP

Place Icons, the Home Icon and Icons used in the Address Book can be turned on and off from the Display Setup Menu.

> SHOWING TRAIL DOTS

The Trail feature allows you to turn on and off trail dots that appear wherever the vehicle icon traverses. This is especially helpful for off-road enthusiasts.



Go to [Main Menu](#) →  → [Navigation](#)

NOTE: Touch **OK** to complete the setting.

> ROUTE METHOD

You can change the routing method.

See page 22 for details.

> GUIDANCE MAP

You can choose between full map and arrow only in guidance mode.

> ROUTE BUTTON

You can choose between 3 different route buttons.



Arrival time & distance to destination



Remaining time & distance to destination



Direction of destination

> SHOW ROUTE OVERVIEW

This button allows you to view the full route after the destination has been calculated and before the guidance begins.

> AUTO ZOOM

When approaching a maneuver, the map automatically zooms in.

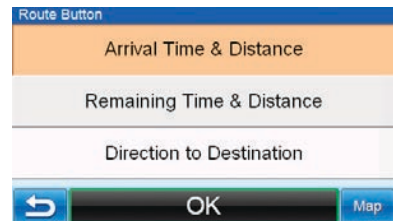
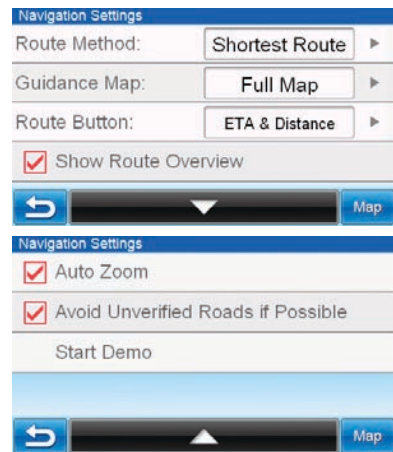
> AVOID UNVERIFIED ROADS IF POSSIBLE

This button avoids using roads not verified by the map provider.

> START DEMO

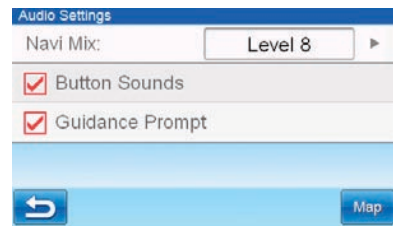
You can watch a navigation demonstration with the system's voice and screen guidance.

NOTE: Set a destination before using this function.



Go to [Main Menu](#) → → [Audio](#)

NOTE: Touch OK to complete the setting.



> CHANGING NAVI MIX VOLUME

This allows you to vary the volume of the voice prompts with respect to the music.

> BUTTON SOUNDS

This allows you to turn button sounds ON or OFF.

> GUIDANCE PROMPT

This allows you to turn ON or OFF the guidance voice prompts.

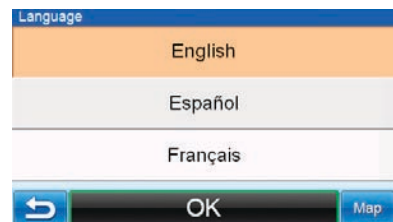
Go to [Main Menu](#) → → [Regional](#)

NOTE: Touch OK to complete the setting.



> LANGUAGE

You can select a Language from English, French and Spanish.

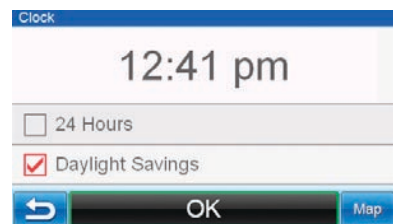


> UNITS

You can set the Units of Measure to read in kilometers or miles.

> CLOCK

You can set the Clock to 12 or 24 hour style and set Daylight Savings to fit your region.



> TIME ZONE

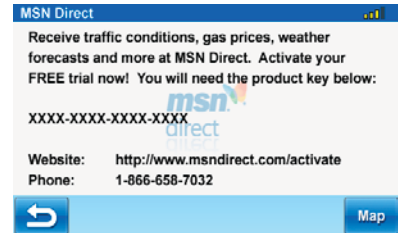
You can set the Time Zone to fit your region.



>BEFORE USING MSN-DIRECT

You must subscribe to MSN-Direct to enable the feature on the PND-K3.

- 1 Go to www.msndirect.com/activate to begin activation.
- 2 Make sure to have the product key. To find the product key, Go to [Main Menu](#) → → [MSN](#) → [MSN Subscription Status](#)
- 3 Follow as instructed and the cradle will be activated.



>MSN DIRECT SETTINGS

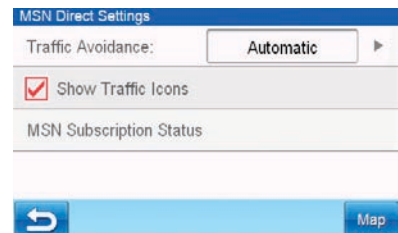
TRAFFIC AVOIDANCE:

You can set detour automatically, prompt, or off.

Automatic - Your route will detour automatically, when heavy traffic occurs.

Prompt - When heavy traffic occurs, the PND-K3 will prompt you if you prefer to take a detour,

OFF - The PND-K3 will stay on the original route without prompting you to detour.



SHOW TRAFFIC ICONS:

You can turn on/off traffic related icons and traffic flow information.

MSN SUBSCRIPTION STATUS

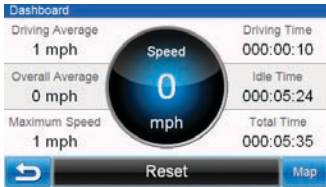
You can view the detail of MSN subscription status. Product key is necessary to activate MSN-DIRECT feature.



Go to [Main Menu](#) → [Info](#)

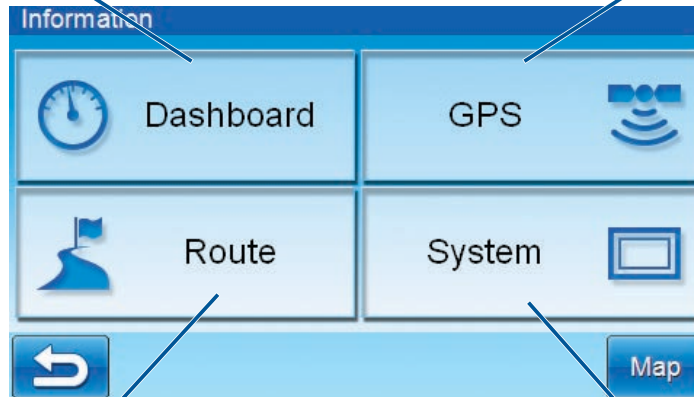
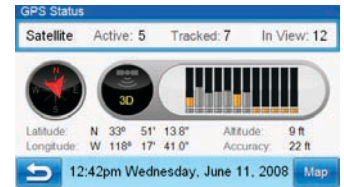
DASHBOARD BUTTON

For viewing dashboard, see page 31.



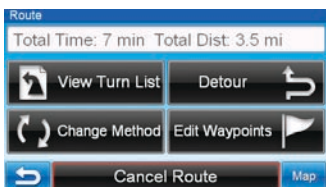
GPS BUTTON

For viewing GPS, see page 32.



ROUTE BUTTON

For changing the route, see page 22.



SYSTEM BUTTON

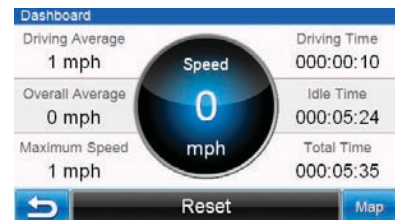
For viewing system information, see page 32.



VIEWING DASHBOARD

Go to [Main Menu](#) → [Info](#) → [Dashboard](#)

The odometer displays the route distance and time traveled.



Driving Average	Average speed.
Overall Average	Average speed (includes idle time.).
Maximum Speed	Maximum speed reached.
Driving Time	Time vehicle has been moving.
Idle Time	Time vehicle has been stopped (not moving).
Total Time	Total elapsed time (driving time plus idle time).

This feature allows you to view GPS satellite signal information. You can view the dynamic location information received from satellite, such as, signal strength, compass (direction information), latitude/longitude, approximate altitude, and speed.

An explanation of the messages is shown below.

Go to [Main Menu](#) → [Information](#) → [GPS](#)

The following messages are displayed while the GPS receiver is tracking satellites:

Locating GPS Satellites

The PND-K3 searches the sky looking for GPS satellites.

Acquiring GPS Signal

The PND-K3 acquires positioning information transmitted from 1 to 3 tracked satellites while searching for more satellites (minimum 4 of needed).

Fixing GPS Position

The PND-K3 requires continuous signals from 4 or more tracked satellites (for 30 seconds) in order to accurately fix your position.

Temporary Poor GPS Coverage

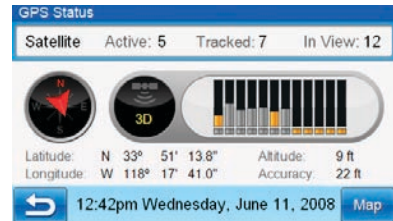
Thunderstorms, dense foliage or surrounding tall buildings may cause temporary loss of position fix (acceptable if under 30 seconds).

Poor GPS Signal, Lost Position Fix

You may have entered an area where consistently poor GPS signal (lasting 30 seconds or more) makes it impossible to maintain a position fix.

No Line of Sight, Lost GPS Tracking

You are in an area where line of sight to GPS satellites has been blocked.



You can check software application, database version, and other information on this screen.

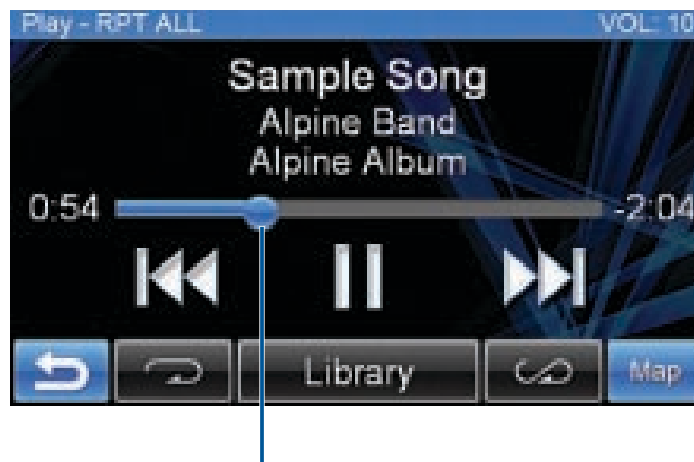
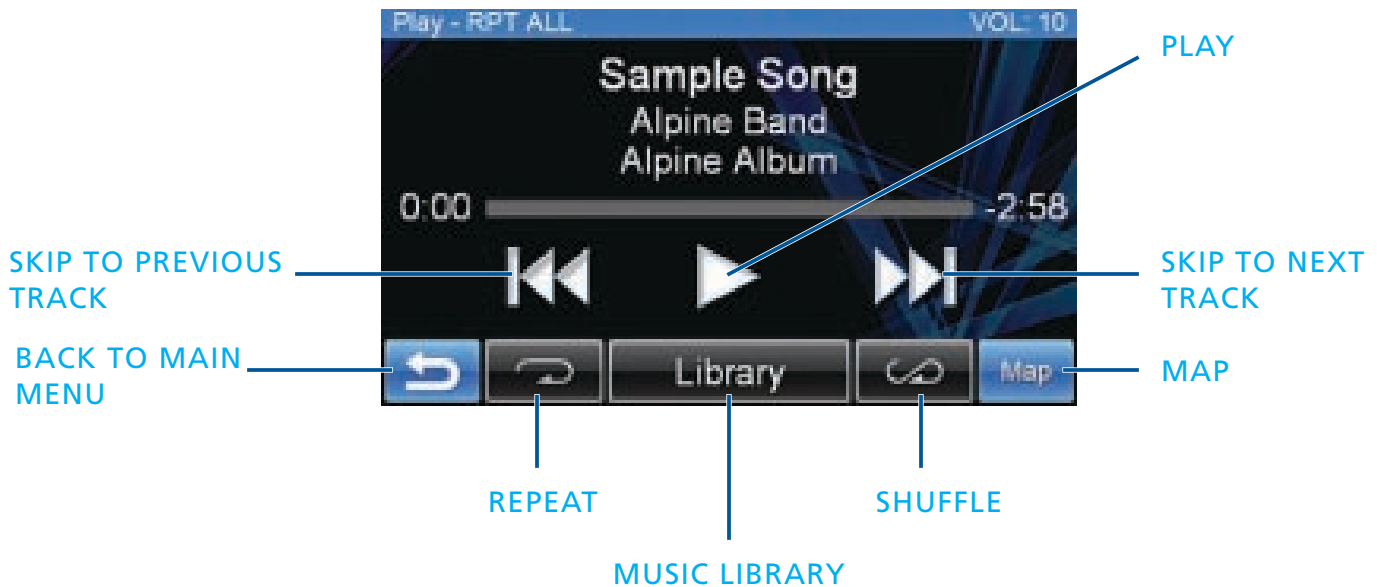
Go to [Main Menu](#) → [Information](#) → [GPS](#)

NOTE: Make a note of this information and refer to it whenever you communicate with customer support.



> MUSIC PLAYER

The PND-K3 is not only a navigation device, it's also a music player! Choose "Play" from the Main Menu, then just place an SD card with your favorite music into the PND-K3. It's that simple!

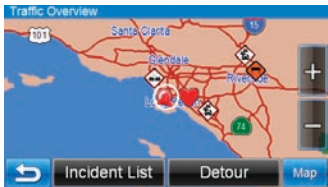


ONCE MUSIC IS PLAYING, CLICK AND DRAG TO SKIP TO ANYWHERE IN THE SONG.

Go to [Main Menu](#) → 

VIEWING TRAFFIC

You can view traffic and receive instructions for detours.



Incident List

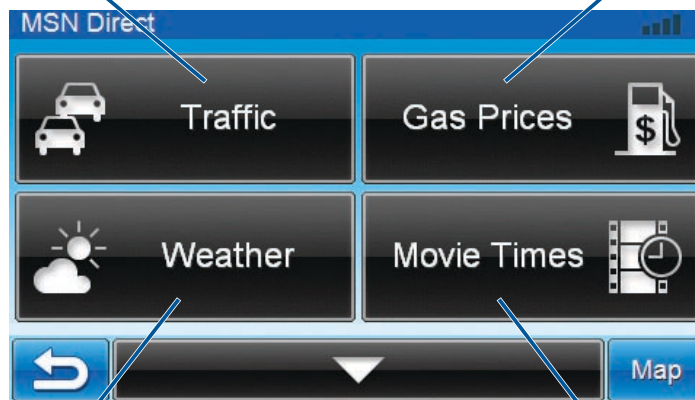
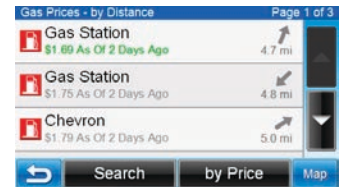
Takes you to a list of incidents sorted by distance. On Route button shows all incidents occurring on your route.

Detour

To set-up automatic detour, see page 31.


VIEWING GAS PRICES

You can view gas price information by distance or by price.



VIEWING WEATHER

Change the Location

Touch . The list of cities near you appears. To select manually, click [Non-Local Cities](#). The list of cities appears in alphabetical order.

Details

Touch [details](#) to view humidity, winds, dew point, visibility and pressure.

Forecast

You can view the 3 day forecast.



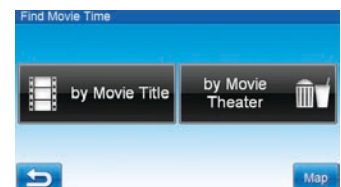
SEARCHING MOVIE TIMES.

By Movie Title

The list of movie titles appears in alphabetical order.

By Movie Theater Distance

The list of movie theaters appears.



Go to [Main Menu](#) →

VIEWING NEWS AND ALERTS

News

You can read a brief description of latest news. Breaking news appears in red text.



Emergency Alerts

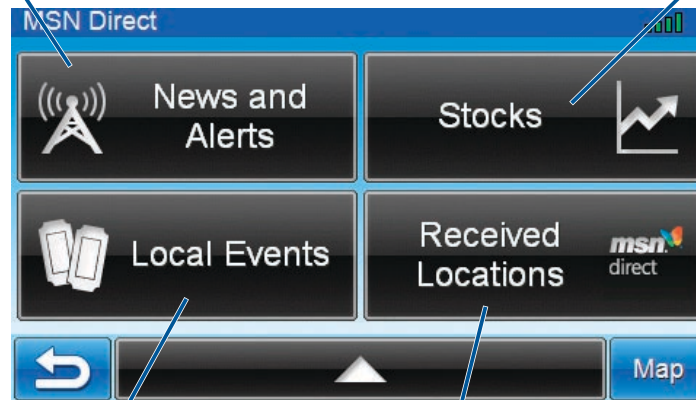
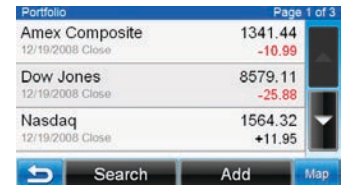
The weather alerts appears

Subscriber Announcement

MSN updated subscriber message announcements appear here.

VIEWING STOCKS

You can check the latest market activity. You can search and/or add your favorite stock by Market Index or Stock Symbol.



SEARCHING LOCAL EVENTS

You can search current local events.

- 1 Select by Category
- 2 Select by Sub Category (if applicable)
- 3 Select by Name or Date.



RECEIVED LOCATIONS

You can send the address information from your computer.

- 1 Go to www.maps.live.com
- 2 Search and select a destination
- 3 Select option to send destination to GPS device

NOTE: This step may require you to log in.

If you encounter a problem, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise make sure the rest of your system is properly connected and completely charged. Contact your authorized Alpine dealer or Alpine directly at 1-888-NAV-HELP (1-888-628-4357).

Unable to play Music from SD card.

Some SD cards may not be compatible with the PND-K3.

Unable to use Phone feature.

Some Bluetooth enabled phones may not be compatible and some features may not be available even after synchronizing and pairing.

The vehicle’s position is erroneous.

Drive the vehicle in an area of good GPS reception to allow the unit to recalibrate itself. Move to a location where strong GPS reception is possible.

No operation

Moisture condensation:	Allow enough time for the condensation to evaporate (about 1 hour).
Ambient Temperature:	Make sure the temperature inside the vehicle is between -10C and 60°C (14°F and 140°F)
Blown Fuse on Cradle Cigarette Adapter:	Replace the fuse with a 2A fuse of the same size.

Unit does not work after removing from cradle or dock

Make sure battery is fully charged. Unit does not charge in cradle or dock while the car is not on.

Reset

- Regular Reset Hold the reset button for 2 seconds
- Hard Reset Press the reset button with volume down button.

Main Unit Size:	123mm x 74mm x 20mm
Main Unit Weight:	6.4 oz
CPU:	SiRF Titan
GPS:	Embedded 20 channel GPS with built-in antenna
Internal Storage:	Built-in flash memory with Pre-loaded Maps of US, Canada, Puerto Rico, and the Virgin Islands
Card Slot:	Secure Digital (SD) or Multimedia Card (MMC) for playback of MP3 or WMA music files
Audio:	Integrated speaker and headphone slot on main unit. Audio output slot on cradle.
USB Interface:	2.0
Display Size:	4.3 inch diagonal
Display Resolution:	QWVGA 480 x 272 pixels
Display Brightness:	450 nits (maximum)

Note: Due to continuous improvements, specification are subject to change without notice

A		H		Along Your Route	16
Accessories	6	Headphone Jack	7	Local Places	12
Address Book	17	Home	23	Near You	15
Announcement	10	Going Home	23	Near Your Destination	15
Audio	30	Setting a Destination as	19	Within City Vicinity	16
Button Sounds	30	Home Button	9	Play Button	9
Changing Navi Mix Volume	30	I		Power Adapter	6
Guidance Prompt	30	Icons		Power Button	7
B		Address Book	20	Precautions and Notices	2
Battery Status	11	Home	19	Q	
Indicator	10	Map	28	Quick Reference Guide	6
Before Using This Product	2	Information	32	R	
Before You Start	8	Dashboard Button	32	Regional Settings	30
Bluetooth	24	GPS Button	32	Clock	30
Auto Answer	24	Route Button	32	Language	30
Auto Connect	24	System Button	32	Time Zone	30
Enable Bluetooth	24	Info Button (Information)	9	Units	30
C		Input a Destination	13	Registration Card	6
Change Route View	10	Installation	8	Repeating the Announcement	10
Cigarette Lighter Charger	6, 7	Before You Start	8	Reset	37
Clock	30	Mount the PND-K3	8	Reset Button	7
Confirm Destination Screen	19	Remove the PND-K3	8	Route	22
Coordinates	17	In Case of Difficulty	37	Alternate Route	22, 31
Cradle	6, 7	In the Box	6	Canceling Route	22
AMPS/NEC Mounting Holes	7	Accessories	6	Editing Waypoints	22
Connector	7	L		Finding a Detour	22, 31
Connector Slot	7	Language	30	Viewing Turn List	22
Eject Button	7	Limited Warranty	40	Route Button	10
Mounting Plate	6	M		S	
Mute Wire	7	Main Menu	9	Screen	7
power cord	7	Main Menu Button	10	SD/MMC Card Slot	7
Current Position	10	Map	28	Settings	27
D		Icons	28	Audio	30
Dashboard	32	Trail Dots	28	Bluetooth	24
Delete		Map Button	9	Customizing Display	28
Address Book	17	Map Display	12	Customizing Map	28
Delete one letter		Changing State		Customizing Navigation Tool	29
History	16	Finding Local Places	12	Regional Settings	30
Waypoints	21	Keyboard		Settings Button	9
Destination		Memorizing Last 4 Inputs		Speakers	7
by Address	14	Setting a Destination	12	Specifications	38
By Coordinates	17	Setting Waypoints	12	Switching Map Display	11
By History	16	Map Display Functions		Arrow Mode	11
By Intersection	18	Battery Status	11	Map Mode	11
By Place	15	Estimate Time Display	10	System Features	7
From The Address Book	17	GPS Status Bar	11	Cradle with Cigarette Lighter Charger	7
From the Map Display	12	Map Orientation	10	PND-K3 Portable Navigation System	7
Destination Options	19	Repeating the Announcement	10	System Information	33
Alternative Routes	19	Route Button	10	T	
Destination as Home	19	Switching Map Display	11	Table of Contents	5
Finding Nearby Places	19	Zoom In/Out Map	11	Time Zone	30
Saving to the Address Book	20	Mini USB Connector	7	Trail Dots	28
Setting Waypoints	20	Mobile Phone	25	Troubleshooting	37
Detour	22	Call Options	26	U	
Display	28	Placing Calls	25	Units of Measure	30
Backlight timing	28	Receiving Phone Calls	26	USB Cable	6
Brightness	28	MSN DIRECT	35	User Agreement	4
Day/Night Mode	28	MSN Direct Settings	31	V	
Menu Color	28	Music Player	34	Volume Down Button	7
Screen Recalibration	28	Music Library	34	Volume Up Button	7
E		Play	34	W	
Edit	17	N		Warnings	3
Address Book	17	Navigation Tool	29	Warranty	40
Icons	28	Auto Zoom	29	Waypoints	20
Waypoints	21	Demo	29	Adding	20
Estimate Time Display	10	Guidance Map	29	Adding Another	20
ETA/ETR/Distance to Destination	10	Route Button	29	Deleting	21
External GPS/Antenna Connector	7	Route Method	29	Deleting All	21
External Microphone Input/Output	7	Route Overview	29	Directly From The Map	20
F		Unverified Roads	29	Editing Order	21
FCC Compliance Statement	2	Next Maneuver Arrow/Voice Prompt Button	10	Optimizing Your Route	21
G		Next Street Name	10	Z	
Go To Button	9	P		Zoom In Button	10, 11
GPS Status	33	Phone Button	9	Zoom Out Button	10, 11
GPS Status Bar	10, 11	Places			

ALPINE ELECTRONICS OF AMERICA, INC. AND ALPINE OF CANADA INC. ("Alpine"), are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

PRODUCTS COVERED:

This Warranty covers Car Audio, Navigation Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

WHAT IS NOT COVERED:

This Warranty does not cover the following:

- 1 Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
- 2 Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping).
Speaker mechanical failure (e.g. punctures, tears or rips).
Cracked or damaged LCD panels. Dropped or damaged hard drives.
- 3 Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
- 4 Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature.
Any cost or expense related to the removal or reinstallation of the product.
- 5 Service performed by an unauthorized person, company or association.
- 6 Any product which has the serial number defaced, altered or removed.
- 7 Any product which has been adjusted, altered or modified without Alpine's consent.
- 8 Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
- 9 Any product not purchased from an Authorized Alpine Dealer.

HOW TO OBTAIN WARRANTY SERVICE:

- 1 You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.

ALPINE ELECTRONICS OF AMERICA, INC.,

19145 Gramercy Place, Torrance, California 90501, U.S.A.

ALPINE ELECTRONICS OF CANADA, INC.,

777 Supertest Road, Toronto, Ontario M3J 2M9, Canada Phone 1-416-736-6211

Do not send products to these addresses.

Call the toll free telephone number or visit the website to locate a service center.

© 2006 NAVTEQ. All Rights Reserved.

© 2006 Alpine Electronics of America, Inc. All Rights Reserved.

- 2 You should provide a detailed description of the problem(s) for which service is required.
- 3 You must supply proof of your purchase of the product.
- 4 You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY.

THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

CAR AUDIO 1-800-ALPINE-1 (1-800-257-4631)
NAVIGATION 1-888-NAV-HELP (1-888-628-4357)

Or visit our website at; <http://www.alpine-usa.com>



The WTR Logo is a trademark of the Consumer Electronics Association.